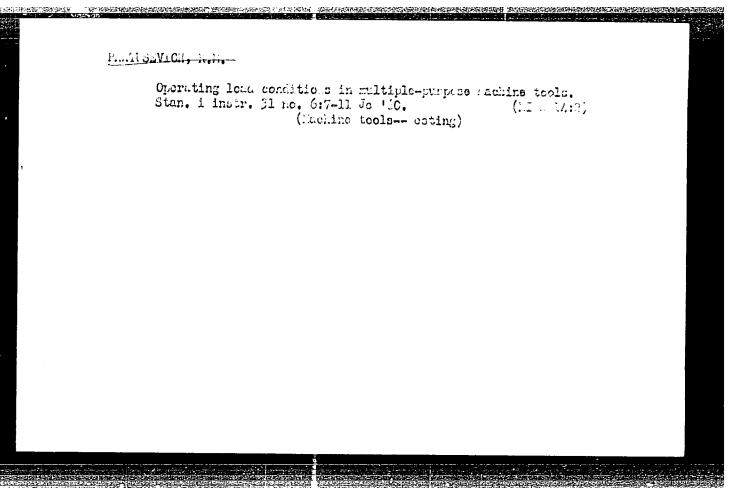
PRATUSEVICH, R.M.; RODSHTEYN, O.A.

Clinical and virusological parallels in acute policyelitis.
Pediatriia 23 no. 5:16-20 My '60. (MIRA 14:1)

(POLIOMYELITIS)



RIBIN, Ye.I.; FRATUSEVICH, R.M.; BUL'KAMOV, A.A.

Dynamic loads in machine-tool drives due to cutting.

Stan.i instr. 31 no.3:16-18 Mr '60.

(Machine tools--Vibration)

(Machine tools--Vibration)

UCSR/Human and Animal Physiology - The Nervous System.

 $\mathbf{T}$ 

Abs Jour

: Ref Zhur Biol., No 3, 1959, 13246

Author

: Pratusevich, R.M., Shteyngart, K.M.

Inst Title : Characteristics of Higher Nervous Activity in Children

Afflicted with Acute Poliomyelitis

Orig Pub

: Zh. vyssh. nervn. deyat-sti, 1957, 7, No 5, 666-672

Abstract

: In the 76 children from the age of 6 months to 16 yer years, who were examined, the duration of the illness extended from 3 days to 2 months. The patients were divided into 4 groups (G): 1) with spinal paralysis, 2) with acute pain syndrome, 3) with paralysis of the facial nerves, and 4) with non-paralytic forms. A study of the unconditioned skin-galvanic reflex (SGR) indicated hypo- and areflexia in the 1st and 3rd G, which disappeared more slowly than clinical recovery occurred; a intensification of SGR and

Card 1/2

USSR/Human and Animal Physiology - The Nervous System.

Т

Abs Jour

: Ref Zhur Biol., No 3, 1959, 13256

disappearance of the power ratio in the 2nd G. Conditioned SGR to a tone of 800 Hertz lasting for 5 seconds developed slowly in the 1st and 3rd G (up to 50 combinations) and were unstable; in the 4th G they appeared quickly (5 - 10 combinations), but differentiation was not successfully developed. An alteration in the SGR is explained by the general intoxication and transitory affliction of the brain. -- M.I. Lisina

Card 2/2

- 1111 -

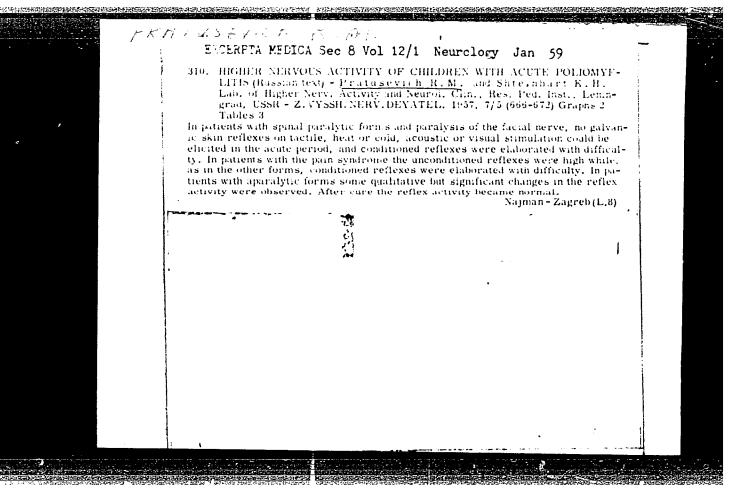
PRATUSEVICH, Rakhil' Mikhaylovna; PIL'NIKOV, M.F., red.; SHEVCHENKO,

F.Ya., tekhin.red.

[Epidemic poliomyelitis among children] Epidemicheskii
poliomielit u detei. Leningrad, Gos.indexo med.lit-ry Medgiz,
Leningr.otd-nie, 1959. 23 p.

(POLIOMYELITIS)

(POLIOMYELITIS)



PRATUSEVICE, A.M.; SHEETHEART, K.M.

Some characteristics of the higher nervous activity in scute poliomyelitis in children [with summary in English]. Zhur.yys.nerv.doist. 7 no.5:666-672 S-0 '57. (MIRA 10:12)

1. Laboratoriya vysshey nervnoy deyatel nosti i nevrologicheskaya šlinika Gosudarstvennogo nauchno-isaledovetel skego pediatricheskogo instituta.

(POLICMYELITIS, in infant and child, conditioned reflex activity (Rus))

(REFLEX, CONDITIONED, in var.dis. polio. in child. (Rus))

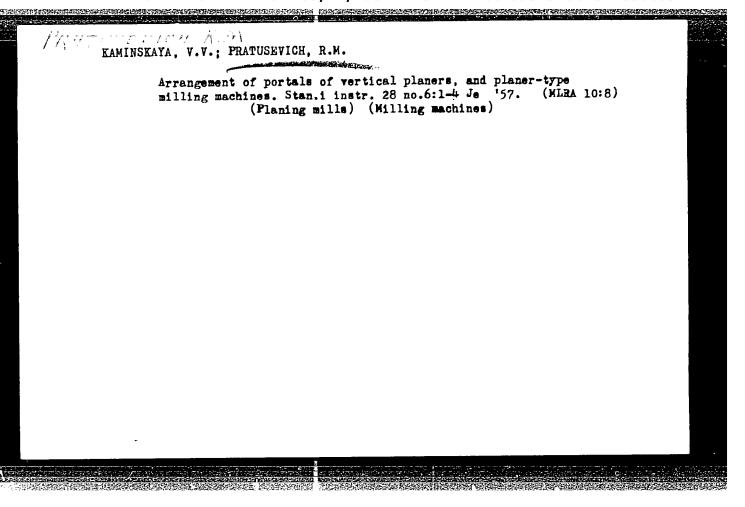
POLONSKIY, M.N.; PRATUSEVICH, R.M.

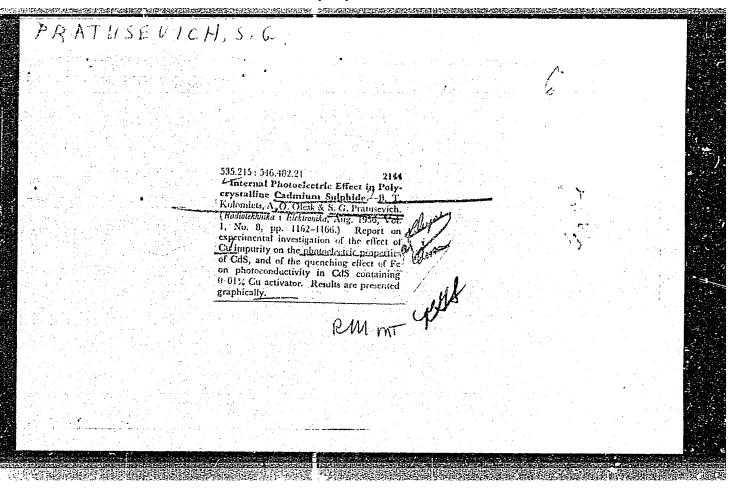
Plastic splints to prevent contractures and deformations in poliomyelitis. Voo.okh.mat.i det. 3 no.2:32-36 Mr-Ap '52.

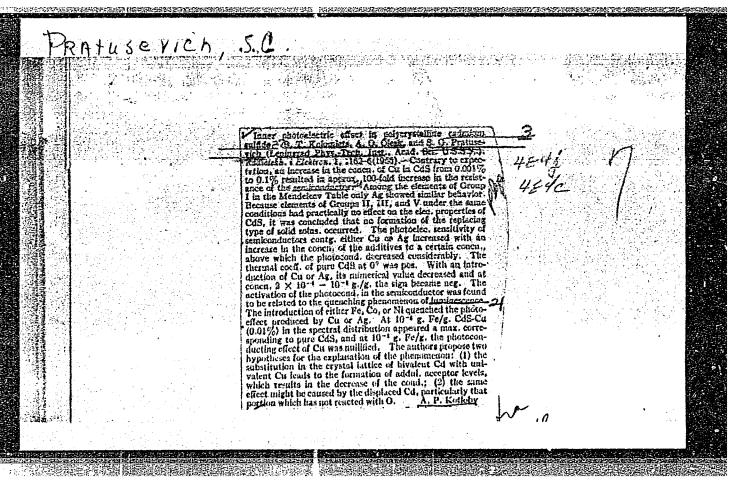
(MIRA 11:3)

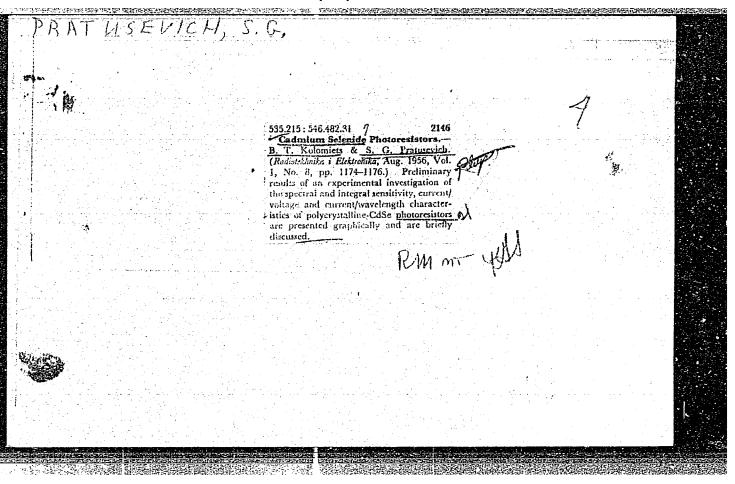
1. Iz hauchno-issledovatel'skogo ottopedicheskogo instituta imeni G.I.Turnera (dir.-prof. M.N.Goncharova) i Nauchno-issledovatel'skogo pediatricheskogo instituta (dir.-prof. A.L.Libov), Leningrad.

(SPLINTS (SURGERY)) (POLIOMYELITIS)









S/058/62/000/004/055/160 A058/A101

AUTHORS:

Kolomiyets, B. T., Olesk, A. O., Pratusevich, S. G.

TITLE:

New forms of photovaristors, their design and their characteristics

(theses)

PERIODICAL:

Referativnyy zhurnal, Fizika, no. 4, 1962, 22, abstract 4G182

(V sb. "Fotoelektr. i optich. yavleniya v poluprovodnikakh". Kiev,

AN USSR, 1959. 371-372)

TEXT:

The authors worked out a technology for preparing photovaristors

from polycrystalline, powdery CdSe, and recorded their characteristics.

[Abstracter's note: Complete translation]

Card 1/1

NOLOMIYETS, B.T.; OLESK, A.O.; FRATUSHVICH, S.G.

Internal photoelectric effect in semicrystalline caddium sulfide.
Radiotekh. i elektron 1 no.8:1162-1166 Ag '56. (MIRA 10:1)

1. Leningradskiy fiziko-tekhnicheskiy institut Akademii nauk SSSR.
2. Nauchno-iseledovatel'skiy institut Ministerstva radio-tekhnicheskoy promyshlennosti.

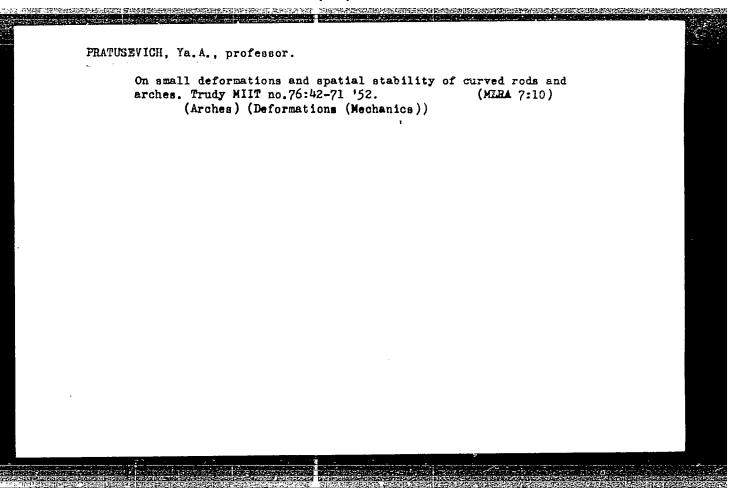
(Semiconductors--Spectra)

KOLOMIYETS, B.T.; PRATUSEVICH, S.G.

Photoresistors made of cadmium slenide. Radiotekh. i elektron 1 no.8:1174-1176 Ag '56. (MIRA 10:1)

1. Nauchno-issledovatel'skiy institut Ministerstva radio-tekhnicheskoy promyshlennosti.

(Electric resistors) (Semiconductors)



SOV/124-58-3-3328

Translation from: Referationly zhurnal, Mekhanika, 1958, Nr 3, p 111 (USSR)

AUTHOR: Pratuse ich Ya. A.

TITLE: Application of the Successive approximations Method to Stab-

ility Problems of In-plane Flexure (O primenenii metoda posledovateľ nykh priblizheniy k zadacham ustoychivosti

ploskoy tormy izgiba)

PERIODICAL: Tr. Mosk. insta inzh. zh. ed. transp., 1957, Nr 92/11.

pp 105-121

ABSTRACT: The method of successive approximations is developed in

relation to stability problems of in-plane flexure comprising, among others, problems wherein the loading is determined by several parameters. Upper and lower approximations are found for the critical loading. For obtaining approximations above or below the true value the function of the zero-th approximation for the slope deflection is chosen so that its values are above or below the actual values. Subsequent approximations for the function of the slope deflection are

found by direct integration of the differential equation of the Card 1/2 problem. The critical load parameters are determined from

SOV/124-58-3-3328

Application of the Successive-approximations Method (cont.)

the conditions of equality of functions of two successive approximations, their derivatives, or definite integrals of these functions at some particular point.

V. F. Lukovnikov

Card 2/2

Using the method of sequential approximation for calculating beams on elastic foundations. Trudy MIIT no.102:66-77 '59.

(Girders)

PRATUSEVICH, Ya.A., doktor tekhn.nauk, prof.

Selecting suitable functions for the variation method of calculating sloping shells. Trudy MIIT no.102:91-96 '59.

(MIRA 12:10)

(Elastic plates and shells)

SOV/124-58 2 2185

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 97 (USSR)

AUTHOR: Pratusevich, Ya. A.

TITLE: -Approximate Formulas for the Settling of Elastic Footings Due to the Action of Several Kinds of Loadings (Priblizhennyye formuly

osadok uprugogo osnovaniya pod deystviyem nekotorykh vidov

nagruzok)

PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1957, Nr 92/11, pp153 168

ABSTRACT: Starting from the Boussinesq formula the author derives an analytical

ical expression of the vertical displacements along the longitudinal center line of a rectangle having a length l and a width b supported by the surface of an elastic half-space. It is assumed that the vertical load distributed over this rectangle does not vary in the transverse direction, while in the longitudinal direction it is either constant or variable following a linear or a second-order parabolic law. The author asserts that the settling equations thus obtained may by

way of approximation, be replaced by simplified equations obtained by the following device. Assume a lineal unit loading p(x) to be

Card 1/2 distributed along a straight line having a length l, where the origin

SOV/124 58 2 2185

Approximate Formulas for the Settlings of Elastic Footings Due to (cont )

of the coordinates is located at one end of the straight line. Then, using the usual

symbols, the settling equation  $w = \frac{1 - v_0}{\pi E_0} \left[ \int_0^x \frac{p(x-t)}{t} dt + \int_0^{l-x} \frac{p(x+t)}{t} dt \right]$ 

yields an infinitely large value for the settling at every point. If in the same term ula we replace the parameter t by (t+ c), or, in other terms, it we disregard the influence of the loading that lies at a distance smaller than & from the point sub jected to the displacement, then the settling becomes finite and is determined by means of a comparatively simple equation. With a prescribed  $\,l\,/{
m b}\,$  ratio the talue of  $\epsilon$  may be selected in such a manner that the loading along the straight line utilizing the above-indicated method, simulates sufficiently well the influence on the settling deformation of a continuous loading distributed over the area. The author is of the opinion that this deduction may be employed not only for the determination of the settling deformations, but also for the calculation of beams and even plates supported by elastic foundations.

M. I. Gorbuno: Posado

Card 2/2

SOV/124-58 2 2229

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 102 (USSR)

AUTHOR: Pratusevich, Ya. A.

On the Calculation of Beams Lying on an Elastic Isotropic Foundation (O raschete balok, lezhashchikh na uprugom izotropnom osnovanii) TITLE:

Tr. Mosk, in-ta inzh. zh.-d. transp., 1957, Nr 92/11, pp 181 190 PERIODICAL:

The author examines the calculation of beams lying on an elastic isotropic foundation subjected to symmetrical and nonsymmetrical ABSTRACT: loads. The law of variation of the reactive pressure is sought in the form of a series

 $p = p_0 + \sum_{i=1}^{\infty} p_i \phi_i$ 

where  $p_0$  is the mean intensity of the reactive pressure due to the load on the beam,  $\phi_i = a_i - \xi^i (1 - \xi^i)^i$ , wherein  $a_i$  is selected n such a manner that the integrals of the function  $\phi_i$ , taken along the length of the beam, are equal to zero. The parameters p; are

Card 1/2

SOV/124 58 2 2229

On the Calculation of Beams Lying on an Elastic Isotropic Foundation

found from the condition of equality of the curvatures of the beam and the line of settlement of the foundation at corresponding points. In the examples shown the author constructs the distribution curves of the reactive pressure and the bending moments; he also adduces comparison curves of the pressures as obtained by the methods of M. I. Gorbunov-Posadov and B. N. Zhemochkin,

I. V. Kiselev

Card 2/2

PRATUSEVICH, Ya.A., doktor tekhn. mauk, prof.; MESHCHERYAKOV, V.B., kand.

tekh. nauk

Reduction of two-dimensional and three thimensional problems in the theory of elasticity to one-dimensional and two-dimensional problems. Trudy MIIT no.164:5-15 '63. (MJ-WA 18:3)

3/0124/64/000/002/V019/V019 ACCESSION NR: AP4027694 SOURCE: RZh. Mekhanika, Abs. 2V126 AUTHOR: Pratusovich, Ya. A. TITLE: Application of variation methods to the computation of thin flat shells CITED SOURCE: Tr. Mosk. in-ta inzh. zh.-d. transp., vy\*p. 164, 1963, 85-91 TOPIC TAGS: variation method, shell theory, linear arrangement, from vibration, parametric resonance, flexure, Bubnov method, Gaussian curvature, equation of equilibrium, stress, sag, furdamental beam function, external load, critical load, forced vibration, flat shell, statics, dynamics TRANSLATION: The author studies in linear arrangement free and forced vibrations as well as the static and dynamic stability (parametric resonance) and the flexure of rectangular-in-plane flat shells of arbitrary Gaussian curvature. He applies the Bubnov method to the condition of concurrence of deformation and also to the equation of equilibrium (or motion). He seeks the solution of the problem for -1/2 Card

ACCESSION NR: AR4027694

the function of stresses and sag without relation to earlier formulated marginal conditions in the form of double series, each term of which represents the product of the fundamental beam functions. He accordingly also represents the external load in the form of a double series according to the same functions. He gives formulas for determining the frequencies and critical loads. A. V. Sachenkov

DATE ACQ: 06Mar64 SUB CODE: PH ENCL: CO

PRATUCEVICH, Ya. A. AID 531 - I TREASURE ISLAND BIBLIOGRAPHICAL REPORT ¶ PHASE I call No.: AF603914 Author: PRATUSEVICH, YA. A., Prof., Doc. of Tech. Sci. Full Title: SMALL DEFORMATIONS AND THREE-DIMENSIONAL STABILITY OF BOOK CURVILINEAR BARS AND ARCHES O malykh deformatsiyakh i prostranstvennoy ustoychivosti krivolineynykh sterzhney i arok Transliterated Title: Originating Agency: Moscow Institute of Railroad Transport Engineers PUBLISHING DATA im. Stalin (MIIT), Trudy, Issue 76, Construction Mechanics
Publishing House: State Publishing House of Railroad Transport No. of copies: 1,000 No. pp.: 30 (42-71) 1952 Date: Editor-in-Chief: Litvin, G. A., Kand. of Tech. Sci. Editors: Profs., Doc. of Tech. Sci. Prokof yev, I. P., Editorial Staff Pratusevich, Ya. A., and Sinel'nikov, V. V. Others: The preface was written by Gerasimov, A. S., Chief of MIIT, General Director of Traffic III Rank A paper intended for engineering-technical and scientific workers of railroad transport. Coverage: The object of this article is to give a synthesis relating TEXT DATA 1/2

#### CIA-RDP86-00513R001342830009-1 "APPROVED FOR RELEASE: 03/14/2001

O malykh deformatsiyakh i prostranstvennoy ustoychivosti krivolineynykh sterzhney i arok

AID 531 - I

to the statics and kinematics of a curvilinear bar being deformed in space, to show the general method of computing stability equations and to demonstrate their application to the solution of the variation method of Galerkin. In particular, this article gives a simple solution of the Kirkhof and Klebsch equations and shows in tabulated form the integral and differential relation between the components of forces and deformations of the curvilinear bar. The solution is given to the system of equations denoting the deformation in space of the curvilinear thin-walled shaft in value of forces and in amount of displacement. The solution is given of the general equations relating to the stability of arches in a plane and in space. The method of Galerkin is applied to problems of two and three-dimensional stability of a double-tee round bar. Tables, diagrams and formulae.

No. of References: Total, 14, Russian, 13, dated 1923-1946. Non-

Russian, 1, dated 1921.

Facilities: Several names of Russian scientists working in the field of stability are mentioned at the beginning of the article.

2/2

PRATUSEVICH YOUTH AID 538 - I TREASURE ISLAND BIBLIOGRAPHICAL REPORT PHASE I Call No.: AF603914 BOOK Author: PRATUSEVICH, YA. A., Prof., Dotsent of Tech. Sci. Full Title: VIBRATION OF ELASTIC ARCHES Transliterated Title: O kolebaniyakh uprugikh arok PUBLISHING DATA Originating Agency: Moscow Institute of Railroad Transport Engineers im. Stalin (MIIT), Trudy, Issue 76, Construction Mechanics Publishing House: State Publishing House of Railroad Transport No. of copies: 1,000 No. pp.: 19 (141-159) Date: 1952 Editorial Staff Editor-in-Chief: Litvin, G. A., Kand. of Tech. Sci. Editors: Profs., Doc. of Tech. Sci. Prokof'yev, I. P., Pratusevich, Ya. A., and Sinel'nikov, V. V. Others: The preface was written by Gerasimov, A. S., Chief of MIIT, General Director of Traffic III Rank PURPOSE: ... A paper intended for engineering-technical and scientific workers of railroad transport. TEXT DATA Coverage: The author gives the deduction of general differential equations of three-dimensional vibrations of flat thin-walled bars (arches), and considers two-dimensional vibrations of bars 1/2

· 0 kolebaniyakh uprugikh arok

AID 538 - I

whose sections are symmetric in relation to the main axes. The article is divided as follows: 1. Differential equations of vibration of a flat arch under a load arbitrarily distributed; 2. Differential equation of two-dimensional vibrations of a circular arch under an uniformly distributed load; 3. Equation of frequencies of a vibrating arch; 4. Vibrations of an arch with distributed and concentrated mass; 5. Vibrations of an arch under action of a vibrating load.

No. of References: Total - 6, Russian 5, dated 1940-1950. Other 1, dated 1933.

Facilities: Scientists working in the field of vibration of structures: Vlasov, V. Z., Galerkin.

2/2

PRATILE MOH, Y L.M. AID 531 - I TREASURE ISLAND BIBLIOGRAPHICAL REPORT . PHASE I AF603914 call No.: Author: PRATUSEVICH, YA. A., Prof., Doc. of Tech. Sci. Full Title: SMALL DEFORMATIONS AND THREE-DIMENSIONAL STABILITY OF BOOK CURVILINEAR BARS AND ARCHES Transliterated Title: O malykh deformatsiyakh i prostranstvennoy ustoychivosti krivolineynykh sterzhney i arok Originating Agency: Moscow Institute of Railroad Transport Engineers PUBLISHING DATA im. Stalin (MIIT), Trudy, Issue 76, Construction Mechanics Publishing House: State Publishing House of Railroad Transport No. of copies: 1,000 No. pp.: 30 (42-71) Date: 1952 Editorial Staff Editor-in-Chief: Litvin, G. A., Kand. of Tech. Sci. Editors: Profs., Doc. of Tech. Sci. Prokof'yev, I. P., Pratusevich, Ya. A., and Sinel nikov, V. V. Others: The preface was written by Gerasimov, A. S., Chief of MIIT, General Director of Traffic III Rank A paper intended for engineering-technical and scientif-PURPOSE: ic workers of railroad transport. Coverage: The object of this article is to give a synthesis relating TEXT DATA 1/2

10 malykh deformatsiyakh i prostranstvennoy ustoychivosti krivolineynykh sterzhney i arok

AID 531 - I

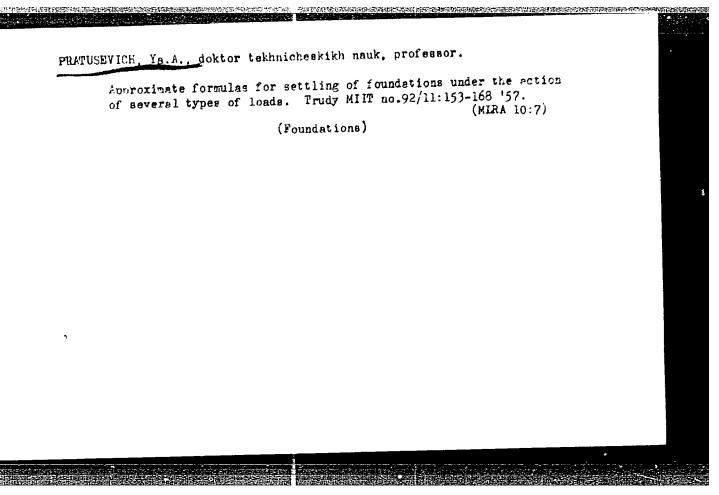
to the statics and kinematics of a curvilinear bar being deformed in space, to show the general method of computing stability equations and to demonstrate their application to the solution of the variation method of Galerkin. In particular, this article gives a simple solution of the Kirkhof and Klebsch equations and shows in tabulated form the integral and differential relation between the components of forces and deformations of the curvilinear bar. The solution is given to the system of equations denoting the deformation in space of the curvilinear thin-walled shaft in value of forces and in amount of displacement. The solution is given of the general equations relating to the stability of arches in a plane and in space. The method of Galerkin is applied to problems of two and three-dimensional stability of a double-tee round bar. Tables, diagrams and formulae.

No. of References: Total, 14, Russian, 13, dated 1923-1946.

Facilities: Several names of Russian scientists working in the field of stability are mentioned at the beginning of the article.

2/2

Using the method of successive approximations in problems of strength of plane bending. Trudy MIIT no.92/11:105-121 '57. (MIRA 10:7) (Deformations (Mechanics)) (Differential equations)



PRATUSEVICE, Ya.A., doktor teknnicheskikh nauk, professor.

Calculating beams lying on an elastic isotropic foundation.
Trudy MIIT no.92/11:131-190 '57.
(Elasticity) (Girdars)

CRAT JUSTICA, Tallet. PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 538 - I Call No.: AF603914 BOOK Author: PRATUSEVICH, YA. A., Prof., Dotsent of Tech. Sci. Full Title: VIBRATION OF ELASTIC ARCHES Transliterated Title: O kolebaniyakh uprugikh arok PUBLISHING DATA Originating Agency: Moscow Institute of Railroad Transport Engineers im. Stalin (MIIT), Trudy, Issue 76, Construction Mechanics Publishing House: State Publishing House of Railroad Transport Date: 1952 No. pp.: 19 (141-159) No. of copies: 1,000 Editorial Staff Editor-in-Chief: Litvin, G. A., Kand. of Tech. Sci. Editors: Profs., Doc. of Tech. Sci. Prokof'yev, I. P., Pratusevich, Ya. A., and Sinel'nikov, V. V. Others: The preface was written by Gerasimov, A. S., Chief of MIIT. General Director of Traffic III Rank PURPOSE: A paper intended for engineering-technical and scientific workers of railroad transport. TEXT DATA Coverage: The author gives the deduction of general differential equations of three-dimensional vibrations of flat thin-walled bars (arches), and considers two-dimensional vibrations of bars

O kolebaniyakh uprugikh arok

AID 538 - I

whose sections are symmetric in relation to the main axes. The article is divided as follows: 1. Differential equations of vibration of a flat arch under a load arbitrarily distributed; 2. Differential equation of two-dimensional vibrations of a circular arch under an uniformly distributed load; 3. Equation of frequencies of a vibrating arch; 4. Vibrations of an arch with distributed and concentrated mass; 5. Vibrations of an arch under action of a vibrating load.

No. of References: Total - 6, Russian 5, dated 1940-1950. Other 1, dated 1933.

Facilities: Scientists working in the field of vibration of structures: Vlasov, V. Z., Galerkin.

2/2

PRATUSEVICH, YU, M.

USSR/Medicine - Physiology

Pub. 22 - 43/45 Card 1/1

Pratusevich, Yu. M. Authors

About the counter activity of response systems of children Title

Dok. AN SSSR 99/4, 653-656, Dec 1, 1954 Periodical:

The counter activities of the response systems of children ranging from 1 -Abstract

16 years of age were investigated. The results obtained are described.

Four USSR references (1932-1954). Tables.

Central Institute for the Specialization of Doctors Institution:

Presented by: Academician L. A. Obreli, September 3, 1954

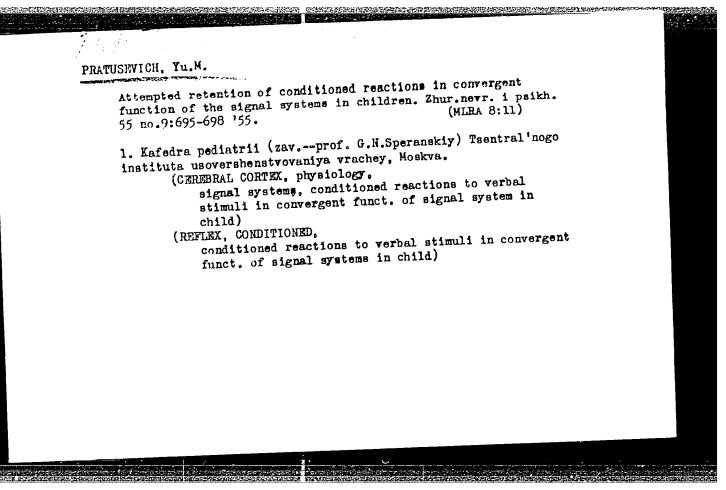
DENISENKO, P.P.; PRATUSEVICH, Yu.M.

Tranquilizing properties of metamisyl and methyldifacil, two new central cholinolytics, and possible points for the application of their action. Zhur. nevr. i psikh. 63 no.4:582-590 '63. (MIRA 17:2)

1. Otdel farmakologii (zav. - prof. S.V. Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad i akademicheskaya gruppa deystvitel'nogo chlena AMN SSSR G.N. Speranskogo, Moskva.

g question, Yu. F.

"Effect of Verbal Irritations During Antagomistic activities of the
Signal Systems of Children." Land hed Sei, "entral Enst for the Libranced
Training of Physicians, Min Health USSR, lessow, 1955. (ML, No 8, Feb 55)
Training of Sun. No. 631, 26 Aug 55 - Survey of Scientific and Tach leaf Macertations
Defended at USSR Tigher Educational Institutions (U)



PRATUSEVICH, Tu.M.

Effect of study leads on the higher nervous functions in children.

Dekl.AN SSSR 104 no.5:798-800 0'55. (MLRA 9:2)

1.TSentral'nyy institut usevershenstvevaniya vrachey. Predstavlene akademikem L.A.Orbeli.

(PSYCHOLOGY, PHYSIOLOGICAL) (STUDY, METHOD OF)

PRATUSEVICH, Yu.M.

Characteristics of cortical coupling explained by the principle of abstracting and generalization. Dokl.AN SSSR 105 no.3:614-616 N '55. (MLRA 9:3)

1. TSentral'nyy institut usovershenstvovaniya vrachey. Predstavleno akademikom L.A. Orbeli.

(Cerebral cortex) (Learning, Psychology of)

ASRATYAN, E.A., redaktor; PRATUSEVICH, Yu.M., redaktor; SHEVCHENKO, G.N., tekhnicheskiy redaktor.

[Problems in an experimental and clinical study of aftereffects of trauma of the spinal cord] Voprosy eksperimental nogo i klini-cheskogo izucheniia posledstvii travmy spinnogo mozga; sbornik statei. Moskva, 1956. 206 p. (MIRA 9:6)

1.Akademiya nauk SSSR. Fiziologicheskaya laboratoriya. (SPINAL CORD-WOUNDS AND INJURIES)

PRATUSEVICH, Yu.M., kandidat meditsinskikh nauk.

Physiologic basis for setting norms of study loads for pupils.

Gig. i san. 21 no.2:43-48 F '56. (MIRA 9:6)

1. Iz kafedry detskikh bolezney TSentral'nogo instituta
usovershenstvovaniya vrachey.

(SCHOOLS

study load of students, physiol. justification for
standardization)

INTAKLYAH, Leon Gerasimovich; PRATUSKVICH, Yu.M., red.; SENCHIJO, K.K., tekhn.red.

[Anntomical and physiological data on child growth; a reference book] Anntomo-fiziologicheskie daty detskogo voznasta; sprabook]. Izd.J., ispr. i dop. Moskva, dos.izd-vo med.lit-ry, vochnik. Izd.J., ispr. i dop. Moskva, dos.izd-vo med.lit-ry, (HIRA 13:5) 1959. 209 p.

(CHILDREN--GROWTH)

L 25167-65 ACCUSSION NR: AP5005772 5/0219/64/058/010/0003/0008

AUTHOR: Pratusevich, Yu. M.; Shagal, D. I.

TITIE: Dynamics of reactive potentials of the brain and biologically active substances of the blood in children subjected to cold

SCURCE: Byulleten' eksperimental noy biologii i meditsiny, v. 58, no. 10, 1964, 3-8

TOPIC TAGS: human physiology, blood, nervous system

Abstract: The dynamics of the electrical reactivity of the brain and biologically active substances in the blood of 13-15 year-olds was studied in combination with the reflex effect of a cold stimulus on the skin receptor for one minute. The cold stimulus caused some decline in the synchronization coefficient and a greater decline in the reactive potentials for various regions of the spectrum. The children showed a greater instability in the content of adrenaline-like substances and a higher acetylcholine content than adults. The acetylcholine content increases with the effect of cold in the children, whereas it drops in adults.

Orig. art. has 2 figures and 1 table.

Card 1/2

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L 25167-65 ACCESSION NR: AP5005772		
ASSOCIATION: Laboratoriya neu nervnoy deyatel'nosti 1 neyrof. Humoral Regulation, of the Ins. AN SSSR)	ro-gumoral'noy regulyatsii In Iziologii AN SSSA, Moscow (La titute of Higher Nervous Acti	stituta vysshey boratory of Neuro- vity and Neurophysiology,
SUBLITTED: 23Jul63	ENCL: 00	SUB CODE: LS
NO REF SOV: 016	OTHER: 006	JPRS
Card 2/2		

PRATUSEVICH, Yu.M.; SHAGAL, D.I.

Dynamics of the reactive potentials of the brain and biologically active substances in the blood under the effect of sold in sailisen. Biul.eksp.biol.i med. 58 no.10:3-8 0 164.

(MIRA 18:12)

1. Akademicheskaya gruppa pri deystvitel'nom chlene AMN SSSR prof. G.N.Speranskom i laboratoriya neyro-gumoral'noy regulyatsii (zav. - deystvitel'nyy chlen AMN SSSR prof. N.I.Grazbehenkov) Instituta vysshey nervnoy deyatel'nosti i neyrofiziologii AM SSSR, Moskva. Submitted July 23, 1963.

Generation between invertering therein occurs and the electric reactivity of the train end the whate of the higher remoundanting in children. But. Allock R. S. n. 5:1293-1296 og 165.

(MERA 18:8)

1. Akademicheskama groups C.N. Speranskogo AMH CCCR. 2. Oblem-komyaspendent am GCCM (for Speransky).

Service and the state of the first and the services, eliminating mental fields of an indused brule percental in the schild. Bekin and Full 163 and 1838 (MIRA 1838)

3. Akademi dealer in greage (B.H.Sparemetogo ING SURS. 2. Gillenkorrespendent AG E.C. & Sparemetogo ING SURS. 2. Gillenko

PRATUSEVICH, Yu.M.; KHORUZHAYA, S.D.

Dynamics of electrical reactivity of the right and left cerebral hemispheres in school children after 5 to 6 hours of mental work.

Biul. eksp. biol. i med. 55 no.2:13-16 F'63. (MIRA 16:6)

1. Iz akademicheskoy gruppy (rukovoditel' - deystvitel'nyy chlen AMN SSSR G. N. Speranskiy) AMN SSSR i kafedry fiziologii (zav. prof. A.N.Kabanov) Moskovskogo pedagogicheskogo instituta imeni V.I.Jenina, Moskva.

(ELECTROENCEPHALOGRAPHY) (FATIGUE) (ERAIN—LOCALIZATION OF FUNCTIONS)

I. ental fatigue of schoolchildren; symptomatology, psysiological nature and means of climination] Umstvennoe utomlenie shkol'nika; simptomatika, fiziologicheskaia priroda i puti ustraneniia. Mockva, heditsina, 1964. 458 p.

(E.IRA 17;8)

FRATUSEVICH, Yu.M.; MALOMUZH, F.F.; DENISENKO, P.P.

Analysis of the mutual potentiation of the tranquilizing effect of aminazin and metamizil in tympanoplasty in children. Vest. etorin. 24.no.6:44-50 N-D'62. (MBA 16:7)

l. Iz akademicheskoy gruppy deystvitel'nogo chlena AMN SSSR prof. G.N.Speranskogo, iz itdeleniya detskogo vozrasta (zav.-dotsent F.F.Malomuzh) Nauchno-issledovatel'skogo instituta ukha, nosa i gorla, Moskva, iz otdela farmakologii (zav.-deystvitel'nyy chlen AMN SSSR prof. S.V.Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR,Leningrad.

(TYMPANAL OKGAL-SURGERY) (CHLORPROMAZINE)

(BENZILIC ACIDS)

SFERANSKIY, G.N.; PRATUSEVICH, Yu.M.

Blocking (pharmacological exclusion) of the reticular formation of

the brain stem in children and its interruption by chilling. Lokl.
AN SSSR 141 no.6:1518-1521 D '61. (MIRA 14:12)

1. Gruppa G.N Speranskogo Akademii meditsinskikh nauk SSSR. 2.Chlenkorrespondent AN SSSR (for Speranskiy). (TRANQUILIZING DRUGS) (COLD--PHYSIOLOGICAL EFFECT) (ELECTROEMCEPHALOGRAFHY)

ALEKSEYEVA, L.A.; PRATUSEVICH, Yu.M.

Experimental day schedule for students at Boarding School No.8.

Pediatriia 38 no.12:73 160. (MIRA 14:2)

1. Iz fiziologicheskoy laboratorii kafedry pediatrii (zav. - prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D. Kovrigina).

(SCHOOL HYGIEVE)

GERTSBERG, Mikhail Osipovich; FRATUSEVICH, Yu.M., red.; BUL'HYAYEV,
N.A., tekhn. red.

[Notes on the problem of consciousmess in psychopathology]
Ochorki po problems soznaniia v psikhopatologii. Noskva,
Medgiz, 1961. 173 p.
(PSYCHOLOGY, PATHOLOGICAL)

(PSYCHOLOGY, PATHOLOGICAL)

PRATUSEVICH, Yu.M., kand.med.nauk; KORZH, N.N.

Changes in the electrical activity of the brain in children after school lessons. Gig.i san. 26 no.1:44-50 Ja '61. (MIRA 14:6)

1. Iz fiziologicheskoy laboratorii kafedry pediatrii TSentral'nogo instituta usovershenstvovaniya vrachéy.

(ELECTROENCEPHALOGRAPHY) (SCHOOL CHILDREN)

(FATIGUE, MENTAL)

SPERANSKIY, G.N.; FRATUSEVICH, Yu.M.

Electroencephalographic analysis of the effect of a frigorific agent on children. Dokl. AN SSSR 139 no.3:759-762 Jl '61. (MIRA 14:7)

1. Akademicheskaya gruppa G.N. Speranskogo AMN SSSR. 2. Chlenkorrespondent AN SSSR (for Speranskiv). (COLD--PHYSIOLOGICAL EFFECT) (ELECTROENCEPHALOGRAPHY) (CHILDREN)

SPERANSKIY, G.N.; PRATUSEVICH, Yu., M.

Dynamics of cortico-subcortical relationships in children during the removal of mental fatigue by the stimulation of cutaneous receptors of the face. Dokl.AN SSSR 138 no.1:243-246 My-Je 61. (MIRA 14:4)

1. Akademicneskaya gruppa G.N.Speranskogo Akademii meditsinskikh nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Speranskiy).

(CHILD STUDY) (FATIGUE) (BRAIN)

PRATUSEVICH, Yu.M.; MEL'NICHUK, P.V.; ALEKSEYEVA, L.A.; KORZH, N.N.

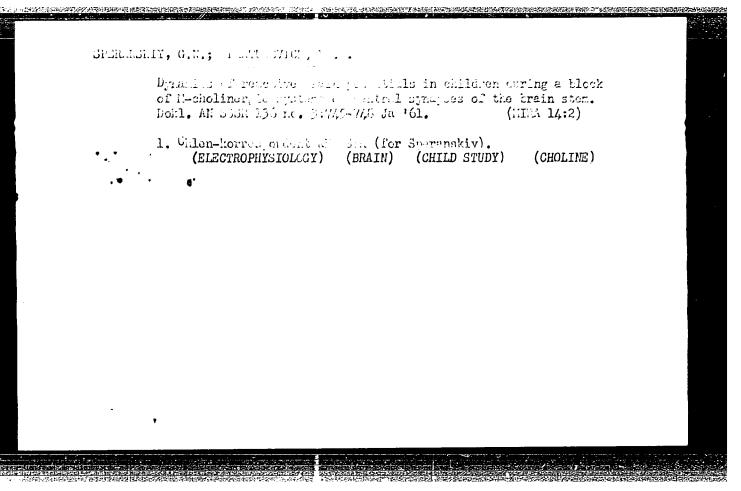
Study of the state of the electrical activity of the brain in school children before and after school work. Pediatriia 38 no.6; 77-81 Je '60. (BRAIN)

(BRAIN)

SPERANSKIY, G.N.; PRATUSEVICH, Yu.M.

Dynamics of reactive brain potentials in children during the block of adrenoreactive systems of central synapses of the spinal cord. Dokl. AN SSSR 136 no.2:508-511 '61. (MIRA 14:1)

1. Akademicheskaya gruppa G.N. Speranskogo Akademii meditsinskikh nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Speranskiy). (PHENOTHIAZINE) (ELECTROENCEPHALOGRAPHY)



PRATUSEVICH, Yuriy Markovich

[Speech stimuli in children; experimental study of inhibitory speech signals] Rechevye razdrazheniia u detei; eksperimental noe issledovanie tormoznykh rechevykh signalov. Moskva, Medgiz, 1960. 165 p. (MIRA 13:12) (CONDITIONED RESPONSE)

BYKOV, Konstantin Mikhaylovich; PRATUSEVICH, Yu.M., red.; LYUDKOVSKAYA, H.I., tekhn.red.

[Selected works] Izbrannye proizvedeniia. Moskva, Gos.izd-vo med.Iit-ry. Vol.3. (Problems in cortico-visceral physiology and pathology; Problems in neurohumoral regulation; Physiology and pathology of digestion) Voprosy kortiko-vistseral'noi fiziologii i patologii; Voprosy neiro-gumoral'noi reguliatsii; Fiziologiia i patologiia pishchevareniia. 1958. 278 p. (MIRA 12:6)

(NERVOUS SYSTEM) (DIGESTION)

SEPP, Yevgeniy Konstantinovich [deceased]; PRATUSEVICH, Yu.M., red.; SENCHILO, K.K., tekhn.red.

[History of the development of the nervous system in vertebrates]
Istoria razvitiia nervnoi sistemy pozvonochnykh. Izd.2., ispr.
i dop. Moskva, Gos.izd-vo med.lit-ry, 1959. 427 p. (MIRA 12:8)
(Nervous system--Vertebrates)

USSR / Human and Animal Physiology (Normal and Pathological). Nervous System. Higher Nervous Activity.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97924

Author : Pratusevich, Yu. M.

Inst : Not given

Title : Where Is the Organ of Thought Located (On the So-Called Theory of the Centroencephalic System)

Orig Pub: Vopr. filosofii, 1958, No 1, 173-176

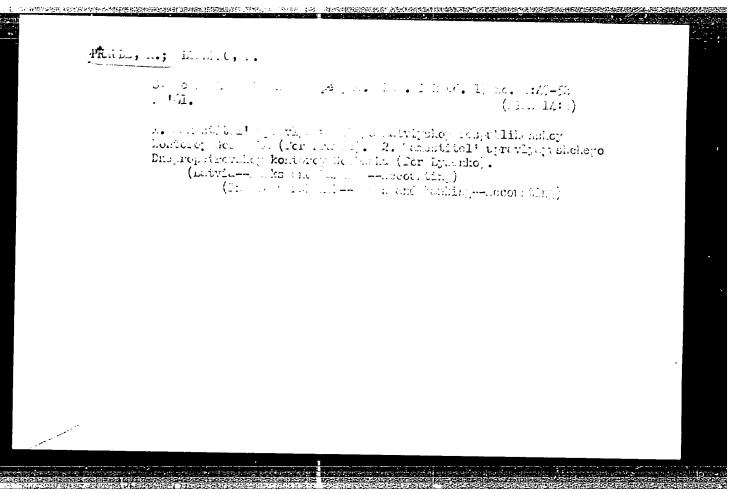
Abstract: No abstract

Card 1/1

ALIMOV, O.D.; BASOV, I.G., PRATUSEVICH, Z.M.; LIVSHITS, D.L., red.; ERESTOVITSKAYA, V.P., red.

[Cutting frozen ground with the URMG-60 unit] Rezanie merzlykh gruntov ustanovkoi URMG-60. Tomsk, Izd-vo Tomskogo sovnarkhoza, 1962. 19 p. (MIRA 16:10)

(Frozen ground) (Earthmoving machinery)



THATIR, R.I., inch.; MULH, H.P., doktor tokim, rauk Hothertal treatment of alloyed high-strength cant from. If t. proise. 10:132-33 Ja 166. (MHW 19:1 (HIM 19:1

MRGOLE, M.; FRAUNSEIS, K.

A case of acute hilous peritonitis. Zdrav. westn. 33 no.6:176-177

1. Interni oddelek splosne bolnisnice v Ptuju (Preds ojnik oddelka: dr. Andrej Lusicky); Kirurski oddelek splosne bolnisnice v Ptuju (Predstojnik oddelka: dr. K. Praumseis).

SALVATOR, Vuia, dr.; PRATZER, Stefan L.A.

Surgical treatment of uterine prolapse. Magy. noorv. lap. 25 no.5:
n.p. 3 '62.

1. Az Aradi Varosi Szuleszet Nogyogyaszati Korhaz kozlemenye.

(UTERINE PROLAPSE)

(HYSTERECTOMY)

MELKS, E.; YANKOVSKIY, G. [Jankovskis, G.]; PRAULITE, G.

Electroencephalographic data of mechanoreceptor and baroreceptor stimulation of the wall of the uterus on the cerebral cortex of a pregnant woman. Vestis Latv ak no.2:109-115 '62.

1. Institut eksperimental'noy i klinicheskoy meditsiny AN Latviyskoy SSR.

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SZABO, Gy.; technical assistance: BERTOK, L., Mrs; PRAUSE, A., Miss.

Effect of noradrenaline on cerebral circulation and metabolism in ischaemic shock. Acta med. acad.sci. Hung. 14, no. 4: 287-294 '63.

1. Institute of Traumatology, Budapest (director: Gy.Szanto).

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74411, 0.

FRATS, C. Field of alternating dipoles in nonlomogeneous semistaces. p. 282.

Vol. 5, no. 3, May 1955 CESKCSLOVENSKY CASOFIS TRO FYSIKU SCIENCE Fraha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

PRAUS, O.

The electromagnetic field of an alternating horizontal dipole on the surface stratified earth. In German.

P. 669, (Geofysikalni Sbornik) Ceased publications. No. 36/60, 1956 (Published 1957) Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (LLAI) Vol. 6, No. 11 November 1957

PRAUS, O.

Contribution to the theory of dipole sondation and its results.

P. 681, (Geofysikalni Sbornik) Ceased publications. No. 36/65, 1956 (Published 1957) Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

z/023/60/004/002/005/009

AUTHOR: Praus, Ol

Praus, Oldřich

TITLE:

A Contribution to the Asymptotic Expression of the Electromag-

netic Field of an Electric Dipole

PERIODICAL: Studia Geophysica et Geodaetica, 1960, Vol. 4, No. 2,

pp. 153 - 157

TEXT: The alternating electromagnetic field of low frequencies has a wide scope in geoelectric surveying as regards the interpretation. For theoretical analysis it is relatively easy to assume that the half-space is formed by plane-parallel horizontal strata with different parameters. The electromagnetic field of an electric dipole can be solved at greater distances than the wavelength equal to the frequency of the turbulent alternating field. Principal terms for the expansion of the corresponding functions of the field with regard to the distance  $\tau$  from the field source are tions of the field with regard to the distance  $\tau$  from the field source are the expressions for an electromagnetic field in the wave zone. The influence of other terms of expansion must be known for being able of presuming under what conditions the field may be replaced by its asymptotic term. The components of the electromagnetic field of an electric dipole are given

Card 1/2

2/023/60/004/002/005/009

A Contribution to the Asymptotic Expression of the Electromagnetic Field of

by the equations. There are 2 figures, 11 equations and 11 references: 6 Soviet, 3 Czech and 2 English.

ASSOCIATION: Geophysical Institute, Czechoslovak Academy of Sciences, Prague

SUBMITTED: November 12, 1959

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Card 2/2

L 17887-66 ACC NR: AP6010004 SOURCE CODE: 07/00/23/25/00/20/00/20/03/03/03 AUTHOR: Praus, Oldrich ORG: Geophysics Institute, CSAV, Prague (Geofyzikalni ustav CSAV) TITLE: Field of an electric dipole above a two-layer anisotropic medium SOURCE: Studia geophysica et geodaetica, v. 9, no. h, 1965, 359-380 TOPIC TAGS: electric dipole, electric conductivity, electromagnetic field, electric field, anisotropic medium 124455 ABSTRACT: of the field of an electric dipole located at a height b above a half-space An analysis was made formed by two plane-parallel strata of different specific electric conductivities. The electric conductivity of each stratum is uniaxially anisotropic with the axis of anisotropy perpendicular to the plane of stratification. The formal solution was obtained in two complex integrals. The general solution was investigated in detail for the case when the wavelenght  $ec{\gamma}_1$  is significantly larger than  $\underline{b}$  . The obtained approximation consists of a principal term corresponding to the field of the dipole located on the surface of the half-space, and of a correction term proportional to the ratio  $b/n_1$ . For purposes of magnetotelluric sounding the functions were constructed and investigated of the field's vertical impedance in relation to the distance from the Cord 1/2

ACC NR: AP6010004

Source, for different values of uniaxial anisotropy. The components of the source, for different values of uniaxial anisotropy. The components of the electromagnetic field and the impedance were also investigated on the surface of a two-layer half-space in the wave zone of the source. The analyses showed of a two-layer half-space in the wave zone of the field in the above cases: 1) the following characteristic properties of the field in the above cases: 1) the uniaxial anisotropy of the medium influences only the tangential components of the electric field on the surface of the half-space but not the magnetic of the electric field on the surface of the source the influence of the medium's components. 2) In the wave zone of the source the influence of the medium's uniaxial anisotropy disappears in the case of a homogeneous half-space and uniaxial anisotropy disappears in the case of a homogeneous half-space and uniaxial anisotropy disappears in the case of a homogeneous half-space and uniaxial anisotropy disappears in the case of a homogeneous half-space and

uniaxial anisotropy disappears in the case of a homogeneous matter place and also for the inhomogeneities created by the plane-parallel strata, as a result of the electromagnetic field's structure in the wave zone. 3) A coefficient of the electromagnetic field's structure in the wave zone. 3) A coefficient of anisotropy greater than unity decreases the damping of the wave propogating of anisotropy greater than unity decreases the practical region of the wave through the conducting medium and thus shifts the practical region of the wave zone to a greater distance from the source. 4) The height of the source above zone to a greater distance from the source. 4) The height of the source above zone to a greater distance from the source. 4) for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction factor proportional to b/A, for a field of sufficiently large by a correction fac

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ACC NR: AP6029158

SOURCE CODE: CZ/0023/66/010/002/0184/0203

13

AUTHOR: Pecova, Jana; Praus, Oldrich; Tobyasova, Marta

ORG: Geophysical Institute, CSAV, Prague

TITLE: Study of the electrical conductivity of the Earth's mantle from magnetotelluric measurements of the Budkov (Czechoslovakia) Station

SOURCE: Studia geophysica et geodaetica, v. 10, no. 2, 1966, 184-203

TOPIC TAGS: electric conductivity, upper mantle, electromagnetic wave phenomenon, electric impedance, resistivity

ABSTRACT: The article presents the results of analysis of data from the electromagnetic station at Budkov. The impedance curves were derived by the methods of spectral and harmonic analysis and by directly reading the amplitudes of the quasisinusoidal oscillations and were then used to find the magnetotelluric sounding curves for apparent resistivity. The resistance curves are interpreted and the results discussed. Apparatus for this work was lent by the Institute of Physics of the Earth, Moscow, and was installed at the Budkov Station by L. N. Baranski. The authors thank Professor A. N. Tikhonov, Corresponding Member AN SSSR, and N. V. Lipskaya for mediating the calculation of the analysis on the Strela automatic computer in the Moscow State University, as well as members of the Electromagnetic Station, Budkov and the Geomagnetic Station, Pruhonice for handing on the material. The authors also thank their colleagues, M. Splichalova and A. Ustyanovicova for careful evaluation of the

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extensive material an	od carrying out the numerical and grap , 4 formulas and 3 tables. [Orig. art SUBM DATE: 08Sep65 / ORIG REF: 0	hical work. Orig. in Eng.] [JPRS: 36,844]	
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S/169/63/000/001/012/062 D263/D307

AUTHOR:

Praus, Oldrzhikh

TITLE:

Observations of atmospheric whistlers

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 1, 1963, 43-44, abstract 1A221 (Inform. byul. Sov. antarkt. eksped-

itsii, 1961, no. 27, 32-35)

TEXT:

A description is given of the observations of whistlers, carried out at Mirnyy by the 5th Antarctic expedition. The receiving apparatus was constructed in the Geophysical Institute of the
Czechoslovak Academy of Sciences and consisted of an amplifier (operating in the range 300 c/s to 16 kc/s) and a magnetic sound recorder.
The incoming signal was amplified, fed into the recorder input and was
then recorded on a chart marked off in seconds. Registration was carried out during the 5th-7th and 35th-37th minute of each hour. Gonried out during the recording of long waves were unfavorable at Mirnyy,
ditions for the recording of long waves were unfavorable at Mirnyy,
owing to high noise level. In spite of the above, recordings have
been obtained, in the period March-November 1960, of atmospheric

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S/169/63/000/001/012/062 D263/D307

Observations of atmospheric whistlers

whistlers, characteristic rustles, and other phenomena, most probably of the type of natural emission from the exosphere. Diurnal and seasonal variations of the whistlers were determined by audio-analysis of the recorder charts. First isolated whistlers were recorded in June, and then increased in frequency, reaching a maximum of 15-20 whistles per minute in July-August. Whistle duration was 0.5-1.0 sec. Intense whistles were generally accompanied by one or two echoes following the original signal for 1.5-2.0 sec. The daily course exhibits two maxima, one at 11-13 hrs and the other at 0-2 hrs universal time. Practically no whistles occur between 2 and 8 hrs. No correlation was found between whistles and geomagnetic disturbances. It is suggested that the whistlers recorded at Mirnyy came from the middle latitudes by reflection from the lower layers of the ionosphere. The characteristic rustle consisted of a complicated combination of noisetones changing in frequency and intensity. Duration of the rustles varied from a few minutes to 1-2 hrs. These phenomena attained their seasonal maximum frequency in June-August and the daily maximum at 16-22 hrs universal time. A correlation was pointed out between rustles and the nocturnal bay-shaped disturbances of the geomagnetic Abstracter's note: Complete translation 7 field. Card 2

PRAUS, R.; OBENBERGER, J.

The effect of aging on the nucleic acid content of the crystalline lens of the human eye. Folia biol. 7 no.5:360-363 '61.

1. Laboratory of the Physiology and Pathology of the Eye, Czechoslovak Academy of Sciences, Prague.

(NUCLEIC ACIDS metab) (LENS CRYSTALLINE metab)

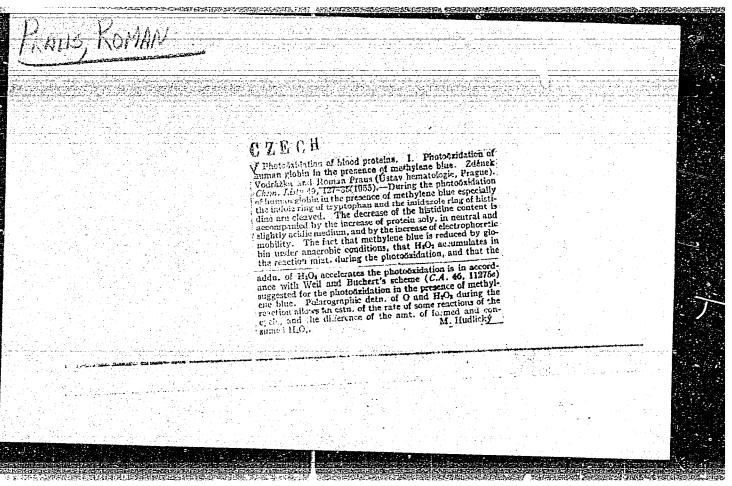
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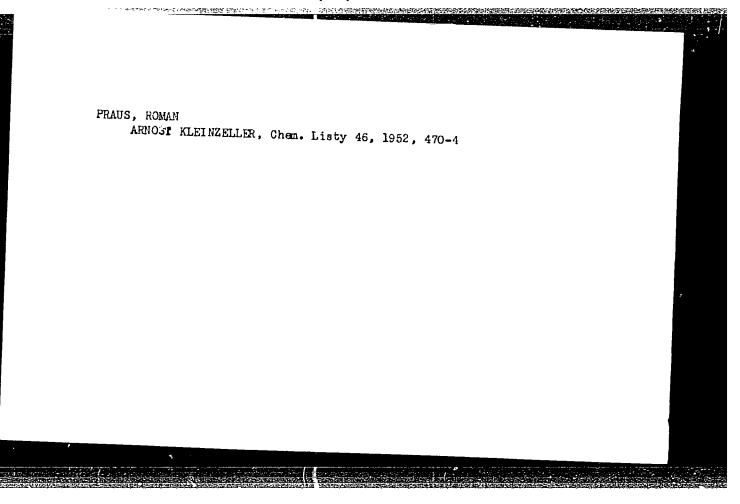
PRAUS, Roman; OBENBERGER, Jiri; VOTOCKOVA, Jaroslava

Incorporation of glucose-C<sup>14</sup> into glycogen in the cornea after the elimination of the surface perilimbal vascular supply. Cesk. ofth. 16 no.3/4:197-201 My '60

1. Iaborator fyziologie a patologie zrakoveho analyzatoru CSAV v Praze, vedouci akademik J. Kurz. II. ocni klinika KU v Praze, prednosta akademik J. Kurz.

(CORNEA metab.)
(GLYCOGEN metab.)





PRAUS, R.; DYR, J.

"Biosynthesis of carotenoids in the yeast  $\underline{\mathit{Fhodotorula\ gracilis}}$ . V. Colorless polyenes."

p. 1559 (Chemicke Listy, Vol. 51, no. 8, Aug. 195), Praha, Czechoslovakia.)

Monthly Index of East European Accessions (EFAI) LC, Vol. 7, No.6 June 1950.

PRAUS, R.; OBENBERGER, J.; VOTOCKOVA, J.

Studies on glycogen biosynthesis in guinea pig cornea by means of glucose labeled with Cl4. Cesk. fysiol. 9 no.1:45-46 Ja 60.

1. Leborator fysiologie a patologie zrakoveho analysatoru CSAV, Praha a II. ocni klinika, Statni fakultni nemocnice, Praha.

(GLYCOGEN metab.)

(CORNEA metab.)

PRAUS, R.; OBENEERGER, J.

Importance of epithelium in incorporation of radioactive sulfur into the acid mucopolysaccharides of isolated cornea. Cesk. oftal. 20 no.1:13-20 Ja'64.

Hydration and incorporation of radioactive sulfur into rabbit cornea after partial and total abrasion of corneal epithelium. Ibid:21-26

1. Laborator fyziclogie a patologie zrakoveho analyzatoru CSAV v Praze; vedouci: akademik J.Kurz.

PRAUS, P.; FROTIVA, J.; DYR, J.

Microbial synthesis of fat by Rhodotorula gracilis yeast. p. 233.

KVACHY PRUMSYI. Praha, Grechoslovakia. Vol. 5, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI), IC, Vol. 9, no. 2, Feb. 1960. Uncl.

PRAUS, Roman; OBENBERGER, Jiri

Nucleic acids in the crystalline lens in senile cataract. Cesk. ofth. 17 no.6:431-435 S '61.

1. Laborator fyziologie a patologie zrakoveho analyzatoru CSAV v Praze, vedouci akademik Jaromir Kurz.

(CATARACT metabolism) (NUCLEIC ACIDS metabolism)

PRAUS, R.: VODRAZKA, Z.: SUCHAN, M.

"Photooxidation of blood proteins. V. Effect of photooxidation on the antigenic properties of proteins"

Chemicke Listy. Praha, Czechoslovakia. Vol. 49, no. 10, Oct 1955

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

MAJUS, R.; DYR, J.

"Ricsynthesis of corotenoids in the yeast knodetorula gracillo." VI. Tabibilica of careteroid formation through digherylamine. In Johnson, p. 118

COLLECTION OF CZECHOSLOVAK CAMMICAL OGRAPHICATIONS, Proha, Czech., Vol. 24, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), 10, Vol. ", Ye. &, Sept. 5

Unclassified

PRAUS, R.

"Zdenek Vodrazka's <u>Fotodynamicky jev</u> (<u>The Photodynamic Phenomenon</u>); a book

Chemicke Listy. Praha, Czechoslovakia. Vol. 53, no. 3, Mar 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

